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ABSTRACT

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3       Optical component mounting and interconnect apparatus  
4 includes a base formed of at least one layer of insulating  
5 material defining first and second opposed major surfaces.  
6 A plurality of vias extend through the base. The vias  
7 include a signal via and two spaced apart ground vias  
8 parallel with and on opposite sides of the signal via. The  
9 two ground vias are connected to ground to form a

10 transmission line with the signal via. An optical component  
11 is mounted on the first major surface of the base with an  
12 electrical terminal affixed to one end of the signal via and  
13 a flex circuit is affixed to the second major surface of the  
14 base with an electrical connection to the opposite end of  
15 the signal via.